

AUG 15 2005
 1449/PTO

BEST AVAILABLE COPY

Approved for use through 07/31/2008. OMB 0651-0031
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/631,886
Sheet	1	of	8
		Attorney Docket Number	254-094-CIP5/AX 146859

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (of Issues)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,919,626 B2	7/19/2005	Burns	
		US-6,914,324 B2	7/5/2005	Rapport, et al.	
		US-6,908,792 B2	6/21/2005	Bruce, et al.	
		US-6,884,653	4/26/2005	Larson	
		US-6,803,651	10/12/2004	Chiang	
		US-6,709,893	3/23/2004	Moden, et al.	
		US-6,699,730 B2	3/2/2004	Kim, et al.	
		US-6,690,584	2/10/2004	Uzuka, et al.	
		US-6,683,377	1/27/2004	Shim, et al.	
		US-6,677,670 B2	1/13/2004	Kondo	
		US-6,614,664	9/2/2003	Lee	
		US-6,588,095	7/8/2003	Pan	
		US-6,576,992	6/10/2003	Cady, et al.	
		US-6,552,910 B1	4/22/2003	Moon, et al.	
		US-6,528,870 B2	3/4/2003	Fukatsu, et al.	
		US-6,509,639	1/21/2003	Lin	
		US-6,489,687 B1	12/3/2002	Hashimoto	
		US-6,489,178	12/3/2002	Coyle, et al.	
		US-6,444,490	9/3/2002	Bertin, et al.	
		US-6,426,560 B1	7/30/2002	Kawamura, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (of Issues)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵

Examiner Signature	<i>John B. Vazirani</i>	Date Considered	<i>October 2, 2005</i>
--------------------	-------------------------	-----------------	------------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Paper No. 0805a

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
391		US-6,376,769 B1	4/23/2002	Chung	
		US-6,329,708	12/11/2001	Komiyama	
		US-6,316,825	11/13/2001	Park, et al.	
		US-6,310,392	10/30/2001	Burns	
		US-6,288,907 B1	8/11/2001	Burns	
		US-6,285,560	9/4/2001	Lyne	
		US-6,187,652 B1	2/13/2001	Chou, et al.	
		US-6,178,093 B1	1/23/2001	Bhatt, et al.	
		US-6,165,817	12/26/2000	Akram	
		US-6,157,541	12/5/2000	Hacke	
		US-6,121,676	9/19/2000	Solberg	
		US-6,084,294	7/4/2000	Tomita	
		US-6,084,293	7/4/2000	Ohuchi	
		US-6,002,167	12/14/1999	Hatano, et al.	
		US-5,973,395	10/26/1999	Suzuki, et al.	
		US-5,963,427	10/5/1999	Bolleson	
		US-5,922,061	7/13/1999	Robinson	
	391		US-5,917,709	6/29/1999	Johnson, et al.
		US-5,895,970	4/20/1999	Miyoshi, et al.	
		US-5,841,721	11/24/1998	Kwon, et al.	

[illegible]

Examiner Signature	<i>Mr. B. Vigneri</i>	Date Considered	<i>Oct 02, 2002</i>
-----------------------	-----------------------	--------------------	---------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind's Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Page No. 0805a

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (GPO:1990-1)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JCV		US-5,804,870	8/8/1998	Burns	
		US-5,801,439	9/1/1998	Fujisawa, et al.	
		US-5,789,815	8/4/1998	Tessier, et al.	
		US-5,783,484	7/21/1998	Burns	
		US-5,764,497	6/9/1998	Mizumo, et al.	
		US-5,763,296	6/9/1998	Casati, et al.	
		US-5,729,894	3/24/1998	Rostoker, et al.	
		US-5,657,537	8/19/1997	Sala, et al.	
		US-5,648,446	7/8/1997	Nicewamer, Jr. et al.	
		US-5,642,055	6/24/1997	Diffrancesco	
		US-5,588,205	12/31/1996	Roane	
		US-5,523,695	6/4/1996	Lin	
		US-5,502,333	3/26/1996	Bertin, et al.	
		US-5,477,082	12/19/1995	Buckley III, et al.	
		US-5,438,224	8/1/1995	Papageorge, et al.	
		US-5,394,303	2/28/1995	Yamaji	
		US-5,388,341	1/31/1995	Olson, et al.	
	JCV		US-5,361,228	11/1/1994	Adachi, et al.
		US-5,357,478	10/18/1994	Kikuda, et al.	
		US-5,252,857	10/12/1993	Kane, et al.	

[illegible]

Examiner Signature		Date Considered	October 26, 2025
--------------------	---	-----------------	------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Page No 0805a

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/631,886
		Filing Date	July 11, 2003
		First Named Inventor	James W. Cady, et al.
		Art Unit	2841
		Examiner Name	TBA
Sheet 4 of 8	Attorney Docket Number	254-094-CIF/AK 148859	

US PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JW		US-6,252,855	10/12/1993	Ogawa, et al.	
		US-5,229,916	7/20/1993	Frankeny, et al.	
		US-5,214,307	5/25/1993	Davis	
		US-5,198,965	3/30/1993	Curtis, et al.	
		US-5,168,926	12/8/1992	Watson, et al.	
		US-5,159,535	10/27/1992	Desai, et al.	
		US-5,138,434	8/11/1992	Wood, et al.	
		US-5,068,708	11/26/1991	Newman	
		US-5,057,903	10/15/1991	Olla	
		US-5,041,902	8/20/1991	McShane	
		US-4,712,129	12/8/1987	Orcutt	
		US-4,587,596	5/6/1986	Bunnell	
		US-3,983,547	9/28/1976	Almasi	
		US-2004/0115866 A1	6/17/2004	Bang, et al.	
		US-2004/0099938 A1	5/27/2004	Kang, et al.	
		US-2004/0065963 A1	4/8/2004	Karnazos	
		US-2004/0021211 A1	2/5/2004	Damberg	
		US-2004/0000708 A1	1/1/2004	Rapport, et al.	
		US-2003/0168725 A1	9/11/2003	Warner, et al.	
		US-2003/0109078 A1	6/12/2003	Takahashi, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country-Code ² -Number ² -Kind Code ³ (if known)				

Examiner Signature	<i>John P. Virginia</i>	Date Considered	<i>October 21, 2005</i>
--------------------	-------------------------	-----------------	-------------------------

* EXAMINER: (initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

Page No 0805a

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTD

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	5	of	8
-------	---	----	---

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5/AK 146859

Examiner Initials*	Cite No. 1	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BV		US-2003/0081392	5/1/2003	Cady, et al.	
		US-2003/0045025	3/8/2003	Coyle, et al.	
		US-2003/0018710	1/23/2003	Kamoto	
		US-2002/0076919	6/20/2002	Peters, et al.	
		US-2002/0048849	4/25/2002	Isaak	
		US-2002/0030995	3/14/2002	Shoji	
		US-2001/0040793 A1	11/15/2001	Inaba	
		US-2001/0035572	11/1/2001	Isaak	
		US-2001/0015487	8/23/2001	Forthun	
		US-2001/0006252 A1	7/5/2001	Kim, et al.	
		US-6,891,729	5/10/2005	Ko, et al.	
		US-6,876,074 B2	4/5/2005	Kim	
		US-6,849,949	2/1/2005	Lyu, et al.	
		US-6,833,984 B1	12/21/2004	Belgacem	
		US-6,812,567	11/2/2004	Kim, et al.	
		US-6,781,240	8/24/2004	Choi, et al.	
		US-6,768,660	7/27/2004	Kong, et al.	
		US-6,660,561 B2	12/9/2003	Forthun	
		US-6,657,134	12/2/2003	Spielberger, et al.	
		US-6,627,984 B2	9/30/2003	Bruce, et al.	

[illegible]

Examiner Signature	<i>John B. Vazirani</i>	Date Considered	<i>October 02, 2005</i>
-----------------------	-------------------------	--------------------	-------------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1458, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

AUS:572666.1

Page No. 0805a

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	6	of	8
-------	---	----	---

Complete if known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	234-094-CIP5/AK 146859

Examiner Signature	<i>John B. Vignita</i>	Date Considered	<i>October 2, 2003</i>
-----------------------	------------------------	--------------------	------------------------

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Paper No: 0805a

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known	
Application Number	10/531,888
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5/AK 148855

Sheet	7	of	8
-------	---	----	---

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Handwritten Initials]		US-2005/0040508 A1	2/24/2005	Lee	[Handwritten Notes and Markings]
		US-2005/0035440 A1	2/17/2005	Mohammed	
		US-2004/0245617 A1	12/8/2004	Damberg, et al.	
		US-2004/0238931 A1	12/2/2004	Haba, et al.	
		US-2004/0217471 (A1)	11/4/2004	Haba	
		US-2004/0203190 A1	10/14/2004	Pflughaupt, et al.	
		US-2004/0150107 A1	8/5/2004	Cha, et al.	
		US-2004/0104470 A1	6/3/2004	Bang, et al.	
		US-2004/0031972 A1	2/19/2004	Pflughaupt, et al.	
		US-2003/0107118 A1	6/12/2003	Pflughaupt, et al.	
		US-2001/0013423 A1	2/18/2001	Dalal, et al.	
		US-6,707,684 B1	3/16/2004	Andric, et al.	
		US-6,492,718 B2	12/10/2002	Ohmori	
		US-6,360,433 B1	3/28/2003	Ross	
		US-6,336,262	1/8/2002	Dalal, et al.	
[Handwritten Initials]		US-6,234,820 B1	5/22/2001	Perino, et al.	
		US-6,222,737 B1	4/24/2001	Ross	
		US-6,040,624	3/21/2000	Chambers, et al.	
		US-6,034,878	3/7/2000	Osaka, et al.	
		US-6,002,589	12/14/1999	Perino, et al.	

[illegible]

Examiner Signature	<i>John B. Vignone</i>	Date Considered	<i>October 02, 2005</i>
-----------------------	------------------------	--------------------	-------------------------

* EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Paper No. 08059

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	8	of	8
-------	---	----	---

Complete if Known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5/AK 146859

U. S. PATENT DOCUMENTS

Examiner Initiate*	Cite No.[†]	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant <i>Election</i> Figures Appear <i>JCHB</i>
		Number-Kind Code[‡] (if known)			
<i>[Signature]</i>		US-5,995,370	11/30/1999	Nakamori	
		US-5,959,839	8/28/1999	Gates	
		US-5,699,705	5/4/1999	Akram	
		US-5,751,553	5/12/1998	Clayton	
		US-5,594,275	1/14/1997	Kwon, et al.	
		US-5,448,511	9/5/1995	Paurus, et al.	
		US-5,397,916	3/14/1995	Normington	
		US-5,276,418	1/4/1994	Kosowiak, et al.	
		US-5,117,282	5/26/1992	Salatino	
		US-3,768,439	10/16/1973	Issaacson	
		US-2005/0133897 A1	6/23/2005	Baeck, et al.	
		US-2005/0018495 A1	1/27/2005	Bhakta, et al.	
		US-2004/0217481 A1	11/4/2004	Danberg	
		US-2004/0157352 A1	8/12/2004	Beroz, et al.	
		US-2004/0075991 A1	4/22/2004	Haba, et al.	
		US-2004/0045159 A1	3/11/2004	DiStefano, et al.	
<i>[Signature]</i>		US-2003/0049886 A1	3/13/2003	Salmon	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Am B. Vögeln

Date Considered

October 04, 2005

EXAMINER: *type* If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Paper No. 0805a

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subfile 81774150 TO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Complete if Known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5 / AK 146859

U. S. PATENT DOCUMENTS

[illegible]

REIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JPV		WO 03/037053 A1	5/1/2003	Cady, et al.		
JPV		JP 83-153849 (A)	6/27/1998	Matsubara		
JPV		JP 62-230027 (A)	8/10/1987	Nakamura		
JPV		JP 4-209562 (A)	7/30/1992	Uzuka, et al.		
JPV		JP 04388167 (A)	12/21/1992	Omura		
JPV		JP 2003/347503 (A)	12/5/2003	Toshiyuki, et al.		

Examiner Signature	<i>John B. Vazirani</i>	Date Considered	<i>Peter J. J. J. J.</i>
-----------------------	-------------------------	--------------------	--------------------------

* EXAMINER: Indicate if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Indicate copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

AUS:572669.1

Page No. 08052

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	3
-------	---	----	---

Complete if Known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5 / AK 148859

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
JSV		JP 2003/347475 (A)	12/5/2003	Mitsuru		
JSV		JP 2003/309247 (A)	10/31/2003	Mitsuru		
JSV		JP 2000/307029 (A)	11/2/2000	Mitsuru		
JSV		JP 60-254762 (A)	12/16/1985	Fujitsu		
JSV		JP 5029534 (A)	2/5/1993	Nakamura		
JSV		JP 55-1047659 (A)	3/8/1986	Soga, et al.		

Examiner Signature	<i>John B. Vink</i>	Date Considered	<i>Oct 2, 2005</i>
-----------------------	---------------------	--------------------	--------------------

* EXAMINER: Indicate if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Indicate copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

Paper No. 8856

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	3	of	3
-------	---	----	---

Complete if known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5 / AK 146859

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
JW JW JW JW		JP 59088853 (A)	5/22/1984	Shiragasawa, et al.		
		EP 0428-303 (A2)	10/1/1990	Legg, et al.		
		DE 004215467 A1	11/12/1992	Chun		
		DE 004214102 A1	12/3/1992	Chun		

**Examiner
Signature**

John B. Vagstad

Date Considered

Pittler, O. J. 1955

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Paper No. 08056



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08B (08-03)
Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Supplement for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if known	
Application Number	10/631,888
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5 / AK 146859

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BV		Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ - Ball Stacked Memory, Published on the Internet.	
BV		Ron Bauer, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Volume 3, Spring 2002. Published on the Internet.	
BV		1992 Proceedings, 42nd Electronic Components & Technology Conference, May 18-20, 1992	
BV		Research Disclosure, Organic Card Device Carrier, 31318, May 1990, No. 313	
BV		IBM Technical Disclosure Bulletin, Vol. 23, No. 12, May 1981	
BV		IBM Technical Disclosure Bulletin, Vol. 20, No. 11A, Apr. 1978	
BV		IBM Technical Disclosure Bulletin, vol. 32, No. 38, Aug. 1989	
BV		Orthogonal Chip Mount - A 3D Hybrid Wafer Scale Integration Technology, International Electron Device Meeting, IEDM Technical Digest, Washington, D.C., Dec. 6-9, 1987	

Examiner Signature	<i>John B. Vignati</i>	Date Considered	<i>October 21, 2005</i>
--------------------	------------------------	-----------------	-------------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

AUS:572771.1

Paper No. 0805c

Form PTO-1449 (Substituted)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

254-094-CIP5

10/631,886

APPLICANT

James W. Cady, et al.

FILING DATE

July 11, 2003

GROUP

2841

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BV	US 5,117,282	05/26/1992	Salatino	357	81	10/29/1990
	US 5,448,511	09/05/1995	Paurus, et al.	365	52	06/01/1994
	US 5,642,055	06/24/1997	Difrancesco	324	757	05/12/1995
	US 5,917,709	06/29/1999	Johnson, et al.	361	803	06/12/1997
	US 6,121,676	09/19/2000	Solberg	257	686	12/11/1997
	US 6,222,737 B1	04/24/2001	Ross	361	767	04/23/1999
	US 6,360,433 B1	03/26/2003	Ross	29	840	09/19/2000

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BV	2003309246(A)	10/31/2003	Japan			Partial	
BV	2003086761(A)	03/20/2003	Japan			Partial	
BV	2003086760(A)	03/20/2003	Japan			Partial	
BV	2003037246(A)	02/07/2003	Japan			Partial	
BV	2001332683(A)	11/30/2001	Japan			Partial	
BV	2001085592(A)	03/30/2001	Japan			Partial	
BV	2001077294(A)	03/23/2001	Japan			Partial	

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

John B. Vegeti

DATE CONSIDERED

October 21, 2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 0105

ATTY. DOCKET NO.

SERIAL NO. _____

~~254-094-CIP5~~

10/631,886

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

James W. Cady, et al.

FILING DATE

July 11, 2003

GROUP

2841

(37 CFR 1.98(b))

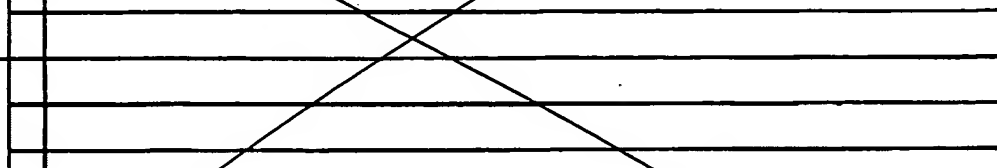
U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
R.V.	US 6,376,769 B1	04/23/2002	Chung	174	522	03/14/2000
	US 6,552,910 B1	04/22/2003	Moon, et al.	361	749	06/28/2000
	US 6,627,984 B2	09/30/2003	Bruce, et al.	257	686	07/24/2001
	US 6,660,561 B2	12/09/2003	Forthun	438	109	07/24/2002
	US 6,677,670 B2	01/13/2004	Kondo	257	686	04/25/2001
V	2004/0150107 A1	08/05/2004	Cha et al.	257	738	12/29/2003
	2004/0021211 A1	02/05/2004	Damberg	257	282	09/06/2002
	2003/0168725 A1	09/11/2003	Warner et al.	257	686	10/28/2002
R.V.	2001/0040793 A1	10/15/2001	Insba	361	749	01/31/2001

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS
(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

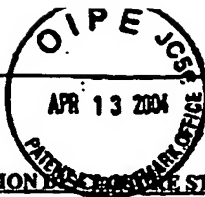


EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page No. 0105

Form PTO-1449 (Modified)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office**INFORMATION CONCERNING STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

0254-094-CIP-5

SERIAL NO.

10/631,886

APPLICANT

Cady, et al

FILING DATE

7/14/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
JSV	5,428,190	6/27/1995	Stopperan	174/261		7/2/1993
	6,097,087	8/1/2000	Farnworth, Warren M. et al	257/698		10/31/1997
	6,323,060B1	11/27/2001	Isaak	438/109		5/5/1999
	6,351,029B1	2/26/2002	Isaak	257/688		5/19/2000
	6,368,896B2	4/9/2002	Farnworth, Warren M. et al	438/113		4/23/1999
	6,410,857B1	6/25/2002	Gonya	174/254		8/13/2001
	6,426,240B2	7/30/2002	Isaak	438/106		6/25/2001
	6,426,549B1	7/30/2002	Isaak, Harlan R.	257/686		11/3/2000
	6,444,921B1	9/3/2002	Wang, et al	174/260		2/3/2000
	6,465,877B1	10/15/2002	Farnworth, Warren M. et al	257/668		3/27/2000
JPV	6,514,793B2	2/4/2003	Isaak	438/109		2/4/2003

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

John B. Vignati

DATE CONSIDERED

October 01, 2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 0404

Form PTO-1449 (Modification)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/631,886

APPLICANT

Cady, et al

FILING DATE

7/14/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner (Initial)	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
<i>JBV</i>	4,763,188	8/9/1988	Johnson, Thomas	257/177		11/4/1987
	5,239,198	8/24/1993	Lin et al.	257/693		7/2/1992
	6,028,365	2/22/2000	Akram et al.	257/778		3/30/1998
	6,433,418	8/13/2002	Fujisawa et al.	257/696		4/29/1999
	6,208,521B1	3/27/2001	Nakatsuka, Yasuo	361/749		5/19/1998
	6,265,660B1	7/24/2001	Tandy, Patrick W.	174/52.4		8/18/2000

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>JBV</i>	5-21697(A)	01/1993	Japan			Partial	
<i>JBV</i>	57-31166(A)	02/19/1982	Japan			Partial	
<i>JBV</i>	58-96756(A)	06/08/1983	Japan			Partial	
<i>JBV</i>	58-112348(A)	07/04/1983	Japan			Partial	
<i>JBV</i>	60-254762	12/1985	Japan			Partial	
<i>JBV</i>	62-230027(A)	10/08/1987	Japan			Partial	
<i>JBV</i>	63-153849(A)	06/27/1988	Japan			Partial	

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>JBV</i>	Dense-Pac Microsystems, 16 Megabit High Speed CMOS SRAM DPS1MX16MKn3
<i>JBV</i>	Dense-Pac Microsystems, 256 Megabyte CMOS DRAM DP3ED32MS72RW5
<i>JBV</i>	Dense-Pac Microsystems, Breaking Space Barriers, 3-D Technology 1993
<i>JBV</i>	Dense-Pac Microsystems, DPS512X16A3, Ceramic 512K X 16 CMOS SRAM Module
<i>JBV</i>	"Design Techniques for Ball Grid Arrays," William R. Newberry, Xynetix Design Systems, Inc.
<i>JBV</i>	"Chip Scale Packaging and Redistribution," Paul A. Magill, Glenn A. Rinne, J. Daniel Mis, Wayne C. Machon, Joseph W. Baggs, Unitive Electronics Inc.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 0204

Form PTO-1469 (Modified)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office

INFORMATION & DECLARATION STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BV	6,300,679B1	10/9/2001	Mukerji et al.	257/738		6/1/1998
	6,462,412B2	10/8/2002	Kamei et al	257/723		1/17/2001
	6,465,893B1	10/15/2002	Khandros et al.	257/777		10/19/2000
	6,486,544B1	11/26/2002	Hashimoto, Nobuaki	257/686		9/3/1999
	6,560,117B2	5/6/2003	Moon, Ow Chee	361/749		8/30/2001
	6,572,387B2	6/3/2003	Burns et al.	439/69		3/19/2002
	6,590,282B1	7/8/2003	Wang et al.	257/686		4/12/2002
	6,600,222B1	7/29/2003	Levario, Melvin N.	257/686		7/17/2002

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BV	EP 461-639-A	12/1991	European			X	
BV	EP 0 298 211 A#	01/11/1989	European			X	
BV	EP 122-687-A	10/24/1984	European			X	
BV	SU 834-957	05/30/1981	Russian			Partial	

OTHER DOCUMENTS
(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

BV	"Alterable Interposer Block for Personalizing Stacked Module Interconnections," IBM Technical Disclosure Bulletin, Vol. 30, No. 8, January 8, 1988, pp. 373-374.
	IBM Preliminary 168 Pin SDRAM Registered DIMM Functional Description & Timing Diagrams
BV	"JD Interconnection for Ultra-Dense Multichip Modules," Christian VAL, Thomson-CSF DCS Computer Division, Thierry Lemoine, Thomson-CSF RCM Radar Countermeasures Division
	"High Density Memory Packaging Technology High Speed Imaging Applications," Dean Frew, Texas Instruments Incorporated
	Tessera Technologies, Inc. - Semiconductor Intellectual Property, Chip Scale Packaging -- Website pages (3)
	"Tessera Introduces uZ™ - Ball Stacked Memory Package for Computing and Portable Electronic Products" Joyce Smaragdis, Tessera Public Relations; 2 figures that purport to be directed to the uZ™ - Ball Stacked Memory Package.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page No. 0204

Form PTO-149 (Modified)
(Rev. 11/92)

FEB 09 2004

U.S. Dept. of Commerce
Patents and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BY	6,620,651B2	9/16/2003	He et al.	438/113		10/23/2001
	US2002/0139577A1	10/3/2002	Miller, Charles A.	174/261		3/27/2001
	US2002/0164838A1	Nov-02	Moon et al.	438/107		6/5/2001
	US2002/0180022A1	12/5/2002	Emoto, Yoshiaki	257/686		7/19/2002
	6,072,233	6/6/2000	Corisis et al.	257/686		5/4/1998
	Re 36,916	10/17/2000	Moshayedi	257/723		04/22/1998
	3,436,604	04/01/1969	Hyltin	317/101		04/25/1966
	3,727,064	04/10/1973	Bottini	250/217		03/17/1971
	3,654,394	04/04/1972	Gordon	179/15 BL		07/08/1969
	3,746,934	07/17/1973	Stein	317/101		05/06/1971
BY	3,772,776	11/20/1973	Weisenburger	29/628		12/03/1969

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

BY	Ron Bauer, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Spring 2002.
	Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ - Ball Stacked Memory, 1 Page.
	"Vertically-Integrated Package," Alvin Weinberg, Pacesetter, Inc. and W. Kinzy Jones, Florida International University

EXAMINER

John B. Vignata

DATE CONSIDERED

October 02, 2004

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page No 0204

Form PTO-1449 (Modified)
(Rev. 11/97)U.S. Dept. of Commerce
Patent and Trademark Office**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
<i>BJ</i>	4,103,318	07/25/1978	Schwede	361/388		05/06/1977
	4,288,841	09/08/1981	Gogal	361/414		09/20/1979
	4,398,235	08/09/1983	Lutz, et al	361/393		09/11/1980
	4,406,508	09/27/1983	Sadigh-Behzadi	339/75		07/02/1981
	4,437,235	03/20/1984	McIver	29/840		089/23/1982
	4,513,368	04/23/1985	Houseman	364/200		05/22/1981
	4,645,944	02/24/1987	Uya	307/243		09/04/1984

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>BJ</i>	Chip Scale Review Online - An Independent Journal Dedicated to the Advancement of Chip-Scale Electronics. (Website 9 pages) Fjelstad, Joseph, Pacific Consultants L.L.C.
	Flexible Thinking: Examining the Flexible Circuit Tapes. (Website 2 pages) Fjelstad, Joseph.
<i>BJ</i>	Die Products: Ideal IC Packaging for Demanding Applications - Advanced packaging that's no bigger than the die itself brings together high performance and high reliability with small size and low cost. (Website 3 pages with 2 figures) Larry Gilg and Chris Windsor. December 23, 2002.
<i>BJ</i>	Flexible Printed Circuit Technology - A Versatile Interconnection Option. (Website 2 pages) Fjelstad, Joseph. December 3, 2002.

EXAMINER

John B. Vignichini

DATE CONSIDERED

October 22, 2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 0204

Form PTO-1449 (Modified)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
<i>BJ</i>	4,696,525	09/29/1987	Coller, et al	439/69		12/13/1985
	4,733,461	03/29/1988	Nakano	29/830		12/24/1985
	4,821,007	04/11/1989	Fields, et al	333/238		02/06/1987
	4,823,234	04/18/1989	Konishi, et al	361/386		07/01/1986
	4,833,568	05/23/1989	Berhold	361/383		01/29/1988
	4,862,249	08/29/1989	Carlson	357/80		04/17/1987
	4,884,237	11/28/1989	Mueller, et al	365/63		03/17/1989
	4,891,789	01/02/1990	Quattrini, et al	365/63		03/03/1988
	4,911,643	03/27/1990	Perry, et al	439/67		08/03/1989
	4,953,060	08/28/1990	Lauffer, et al	361/388		05/05/1989
	4,956,694	09/11/1990	Eide	357/74		11/04/1988
	4,983,533	01/08/1991	Go	437/7		10/28/1987
	4,985,703	01/15/1991	Kaneyama	341/141		02/02/1989
	5,012,323	04/30/1991	Farnworth	357/75		11/20/1989
<i>BJ</i>	5,016,138	05/14/1991	Woodman	361/381		09/18/1989
	5,034,350	07/23/1991	Marchisi	437/207		03/14/1990

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

John B. Vignata

DATE CONSIDERED

October 02, 2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 0204

Form PTO-1449 (Revised)
(Rev. 11/97)

FEB 09 2004

U.S. Dept. of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0234-094-CIP-3

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
<i>JP</i>	5,041,015	08/20/1991	Travis	439/492		03/30/1990
	5,099,393	03/24/1992	Bentlage, et al	361/413		03/25/1991
	5,104,820	04/14/1992	Go, deceased, et al	437/51		06/24/1991
	5,138,430	08/11/1992	Gow, 3 rd , et al	357/70		06/06/1991
	5,159,434	10/27/1992	Kohn, et al	357/80		02/01/1991
	5,198,888	03/30/1993	Sugano, et al	257/686		12/20/1990
	5,222,014	06/22/1993	Lin	361/414		03/02/1992
	5,224,023	06/29/1993	Smith, et al	361/412		02/10/1992
	5,241,454	08/31/1993	Ameen, et al	361/744		01/22/1992
	5,247,423	09/21/1993	Lin, et al	361/719		05/26/1992
	5,259,770	11/09/1993	Bates, et al	439/66		03/19/1992
	5,261,068	11/09/1993	Gaskins, et al	395/425		05/25/1990
	5,262,927	11/16/1993	Chia, et al	361/784		02/07/1992
	5,279,029	01/18/1994	Burns	29/856		05/11/1993
	5,281,852	01/25/1994	Normington	257/685		12/10/1991
<i>Y</i>	5,289,062	02/22/1994	Wyland	307/577		03/23/1993
<i>BR</i>	5,311,401	05/10/1994	Gates, Jr. et al	361/760		07/09/1991
	5,313,097	05/17/1994	Haj-Ali-Ahmadi, et al		257/706	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

John B. Virginia

DATE CONSIDERED

October 02, 2005

*EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page No. 0204

Form PTO-449 (Modified)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BV	5,343,075	08/30/1994	Nishino	257/686		06/22/1992
	5,347,428	09/13/1994	Carson, et al	361/760		12/03/1992
	5,375,041	12/20/1994	McMahon	361/749		12/02/1992
	5,377,077	12/27/1994	Burns	361/704		12/17/1993
	5,394,010	02/28/1995	Tazawa, et al	257/686		03/12/1992
	5,402,006	03/28/1995	O'Donley	257/796		11/10/1992
	5,420,751	05/30/1995	Burns	361/707		10/08/1993
	5,446,620	08/29/1995	Burns, et al	361/704		10/08/1993
	5,455,740	10/03/1995	Burns	361/735		03/07/1994
	5,475,920	12/19/1995	Burns, et al	29/856		03/04/1994
	5,479,318	12/26/1995	Burns	361/735		05/12/1995
	5,484,959	01/16/1996	Burns	174/524		12/11/1992
	5,493,476	02/20/1996	Burns	361/735		05/22/1995
	5,499,160	03/12/1996	Burns	361/704		01/30/1995
	5,514,907	05/07/1996	Moshayedi	257/723		03/21/1995
	5,523,619	06/04/1996	McAllister, et al	257/686		11/03/1993
	5,541,812	07/30/1996	Burns	361/735		09/11/1995

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

**OTHER DOCUMENTS
(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page No. 0204

Form PTO-1449 (Modified)
(Rev. 11/97)U.S. Dept. of Commerce
Patent and Trademark Office**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
<i>B.V.</i>	5,543,664	08/06/1996	Burns	257/787		01/20/1995
	5,572,065	11/05/1996	Burns	257/666		10/24/1994
	5,592,364	01/07/1997	Roane	361/735		01/24/1995
	5,612,570	03/18/1997	Eide, et al	257/686		04/13/1995
	5,631,193	05/20/1997	Burns	29/827		06/30/1995
	5,644,161	07/01/1997	Burns	257/668		06/07/1995
	5,654,871	08/05/1997	Burns	361/713		08/18/1995
	5,776,797	07/07/1998	Nicewarner, Jr., et al	438/107		07/02/1997
	5,801,437	09/01/1998	Burns	257/685		08/11/1995
	5,805,422	09/08/1998	Onake, et al	361/749		08/15/1997
	5,835,988	11/10/1998	Ishii	257/684		10/24/1996
	5,869,353	02/09/1999	Levy, et al	438/109		11/17/1997
	5,926,369	07/20/1999	Ingraham, et al	361/699		01/22/1998
	5,949,657	09/07/1999	Karabatsos	361/803		08/25/1998

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

John B. Virginia

DATE CONSIDERED

October 02, 2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page No. 0204

Form PTO-1449 (Modified)
(Rev. 11/92)U.S. Dept. of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

0254-094-CIP-5

10/624,097

APPLICANT

Cady, et al

FILING DATE

7/21/03

GROUP

2818

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
<i>[initials]</i>	5,953,215	09/14/1999	Karabatsos	361/767		06/26/1998
<i>[initials]</i>	6,014,316	01/11/2000	Eide	361/735		06/10/1998
<i>[initials]</i>	6,028,352	02/22/2000	Eide	257/686		06/10/1998
<i>[initials]</i>	6,172,874B1	01/09/2001	Bartilson	361/719		04/06/1998
<i>[initials]</i>	6,205,654B1	03/27/2001	Burns	29/830		12/28/1998
<i>[initials]</i>	6,266,252B1	07/24/2001	Karabatsos	361/788		09/13/1999
<i>[initials]</i>	6,233,650B1	05/15/2001	Johnson et al.	711/5		04/01/1998
<i>[initials]</i>	6,225,688B1	05/01/2001	Kim et al.	257/686		02/04/1999
<i>[initials]</i>	6,262,895B1	07/17/2001	Forthum	361/749		01/13/2000
<i>[initials]</i>	6,281,577B1	08/28/2001	Oppermann et al.	257/724		04/22/1997
<i>[initials]</i>	6,392,162B1	05/21/2002	Karabatsos	174/261		11/10/2000
<i>[initials]</i>	6,446,158B1	09/03/2002	Karabatsos	711/5		05/17/2000
<i>[initials]</i>	6,473,308B2	10/29/2002	Forthum	361/749		04/19/2001
<i>[initials]</i>	US2002/0006032A1	01/17/2002	Karabatsos	361/760		01/11/2001
<i>[initials]</i>	US2002/0101261A1	08/01/2002	Karabatsos	326/83		01/29/2002

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

John B. Vignister

DATE CONSIDERED

October 02, 2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 0204